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Search for

ENZYME: EC 2.1.1.6



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ID 2.1.1.6
 DE Catechol O-methyltransferase.
 CA S-adenosyl-L-methionine + a catechol = S-adenosyl-L-homocysteine + a
 CA guaiacol.
 CC -!- The mammalian enzymes act more rapidly on catecholamines such as
 CC adrenaline or noradrenaline than on catechols.
 DR BRENDA; [2.1.1.6](#).
 DR PUMA2; [2.1.1.6](#).
 DR KYOTO UNIVERSITY LIGAND CHEMICAL DATABASE; [2.1.1.6](#).
 DR IUBMB Enzyme Nomenclature; [2.1.1.6](#).
 DR [P21964](#), COMT_HUMAN ; [O88587](#), COMT_MOUSE ; [Q99028](#), COMT_PIG ;
 DR [P22734](#), COMT_RAT ;
 //

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If you would like to retrieve all the Swiss-Prot entries referenced in this entry, click [here](#).

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=> d full his

(FILE 'HOME' ENTERED AT 10:43:04 ON 01 JUN 2005)

FILE 'REGISTRY' ENTERED AT 11:05:20 ON 01 JUN 2005

L1 1 SEA ABB=ON PLU=ON METHYLTRANSFERASE/CN

FILE 'HCAPLUS' ENTERED AT 11:05:33 ON 01 JUN 2005

FILE 'REGISTRY' ENTERED AT 11:05:36 ON 01 JUN 2005

SET SMARTSELECT ON

L2 SEL PLU=ON L1 1- CHEM : 7 TERMS

SET SMARTSELECT OFF

FILE 'HCAPLUS' ENTERED AT 11:05:36 ON 01 JUN 2005

L3 18006 SEA ABB=ON PLU=ON L2

L4 3011 SEA ABB=ON PLU=ON L3 (L) (MAN OR HUMAN)

L5 1475 SEA ABB=ON PLU=ON L4 (L) (DNA OR CDNA OR NUCLEIC ACID OR
POLYNUCLEOTIDE OR NUCLEOTIDE)

L6 840 SEA ABB=ON PLU=ON L5 AND PD<20000204